

[illegible]

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(1)	2	MACROS, DATA
(1)	47	EXECUTABLE CODE

SATSUT13
V04-000

SATS SYSTEM SERVICE TESTS

E 4

16-SEP-1984 01:08:59 VAX/VMS Macro V04-00
5-SEP-1984 04:34:50 [UETPSY.SRC]SATSUT13.MAR;1

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```
0000 1 .TITLE SATSUT13 SATS SYSTEM SERVICE TESTS
0000 2 .SBTTL MACROS, DATA
0000 3 .IDENT 'V04-000'
0000 4
0000 5 *****
0000 6
0000 7
0000 8 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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0000 25
0000 26 *****
0000 27
```

```
00000000 29 .PSECT RWDATA,RD,WRT,NOEXE
00000000 30 CREPID: .LONG 0 ; PID OF CREATED (THIS) PROCESS
0004 31 LOGNAM PID: STRING 1,<SYSTST$PID> ; LOG NAME OF PID OF CREATING PROCESS
0016 32 EQUIV_PID: STRING 0,4 ; BUFFER FOR CREATING PID (EQUIVALENCE NAME)
0022 33 : *
0022 34 : *
0022 35 : *
0022 36 : *
0022 37 : *
0022 38 : *
0022 39 : *
0022 40 : *
0022 41 : *
0022 42 : *
0022 43 : *
0022 44 : *
0022 45 : *
```

THIS ROUTINE RUNS IN A PROCESS CREATED BY
A PROCESS RUNNING THE SATSSS42 IMAGE. THIS PROCESS
OBTAINS ITS PID FOR LATER USE, SIGNALS THE CREATING PROCESS
(VIA \$WAKE) THAT IT IS FULLY CREATED, AND THEN HIBERNATES,
ANTICIPATING EITHER A \$WAKE FROM THE CREATING PROCESS,
OR A \$FORCEX FROM THE CREATING PROCESS. IF THE CREATOR
ISSUES \$WAKE, THEN THIS PROCESS DOES ITS OWN \$FORCEX,
USING ITS PID AS AN EXIT COMPLETION STATUS CODE.
THE STATUS CODE WILL BE CHECKED FOR CORRECTNESS BY
THE CREATING PROCESS THROUGH THE USE OF THE
PROCESS TERMINATION MAILBOX MECHANISM.

SATSUT13
V04-000

SATS SYSTEM SERVICE TESTS
EXECUTABLE CODE

G 4

16-SEP-1984 01:08:59 VAX/VMS Macro V04-00
5-SEP-1984 04:34:50 LUETPSY.SRC]SATSUT13.MAR;1

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```
0000 0000 0022 47 .SBTTL EXECUTABLE CODE
0000 0000 48 .PSECT SATSUT13, RD, WRT, EXE
0000 0000 49 START: .WORD 0 ; ENTRY MASK
0000 0002 50 SATSUT13:
0000 0002 51 $WAKE_S CREPID ; OBTAIN PID OF THIS PROCESS
0011 52 $HIBER_S ; UNDO ABOVE WAKE
0018 53 $STRNLOG_S LOGNAM=LOGNAM_PID, - ; GET CREATOR'S PID FROM SYSTEM LOG NAME TBL
0018 54 RSLBUF=EQUIV_PID, -
0018 55 DSBMSK=#^B110
0033 56 $WAKE_S PIDADR=EQUIV_PID+8; SIGNAL TO CREATOR: THIS PROC IS FULLY CREATED
0042 57 $HIBER_S ; SLEEP WHILE CREATOR DECIDES TO $WAKE OR $FORCEX
0049 58 :
0049 59 : ***** SYSTEM SERVICE CALL WHICH IS THE SUBJECT OF THIS TEST CASE *****
0049 60 :
0049 61 $FORCEX_S CODE=CREPID ; ISSUE SUBJECT FORCEX WITH PID AS STATUS CODE
005A 62 .END START
```


SATSUT13
Symbol table

SATS SYSTEM SERVICE TESTS

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16-SEP-1984 01:08:59 VAX/VMS Macro V04-00
5-SEP-1984 04:34:50 [UETPSY.SRC]SATSUT13.MAR;1

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```
$$$CHARS      = 0000000A
$$$STRINGS    = 00000000
CREPID        00000000 R    01
EQUIV PID     00000016 R    01
LOGNAM PID    00000004 R    01
SATSUT13      00000002 R    02
START         00000000 R    02
SYSS$FORCEX   ***** GX  02
SYSS$HIBER    ***** GX  02
SYSS$TRNLOG   ***** GX  02
SYSS$WAKE     ***** GX  02
```

+-----+
! Psect synopsis !
+-----+

PSECT name	Allocation	PSECT No.	Attributes
. ABS .	00000000 (0.)	00 (0.)	NOPIC USR CON ABS LCL NOSHR NOEXE NORD NOWRT NOVEC BYTE
RWDATA	00000022 (34.)	01 (1.)	NOPIC USR CON REL LCL NOSHR NOEXE RD WRT NOVEC BYTE
SATSUT13	0000005A (90.)	02 (2.)	NOPIC USR CON REL LCL NOSHR EXE RD WRT NOVEC BYTE

+-----+
! Performance indicators !
+-----+

Phase	Page faults	CPU Time	Elapsed Time
Initialization	36	00:00:00.10	00:00:00.36
Command processing	135	00:00:00.66	00:00:04.44
Pass 1	131	00:00:00.96	00:00:05.01
Symbol table sort	0	00:00:00.00	00:00:00.00
Pass 2	32	00:00:00.23	00:00:00.49
Symbol table output	2	00:00:00.01	00:00:00.01
Psect synopsis output	1	00:00:00.02	00:00:00.01
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	339	00:00:01.99	00:00:10.34

The working set limit was 1050 pages.
2707 bytes (6 pages) of virtual memory were used to buffer the intermediate code.
There were 10 pages of symbol table space allocated to hold 11 non-local and 0 local symbols.
62 source lines were read in Pass 1, producing 13 object records in Pass 2.
7 pages of virtual memory were used to define 6 macros.

+-----+
! Macro library statistics !
+-----+

Macro library name	Macros defined
-\$255\$DUA28:[SHRLIB]UETP.MLB;1	1
-\$255\$DUA28:[SYS.OBJ]LIB.MLB;1	0
-\$255\$DUA28:[SYSLIB]STARLET.MLB;2	5
TOTALS (all libraries)	6

78 GETS were required to define 6 macros.

SATSUT13
VAX-11 Macro Run Statistics

SATS SYSTEM SERVICE TESTS

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5-SEP-1984 04:34:50 [UETPSY.SRC]SATSUT13.MAR;1

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There were no errors, warnings or information messages.

MACRO/LIS=LISS:SATSUT13/OBJ=OBJ\$:SATSUT13 MSRC\$:SATSUT13/UPDATE=(ENH\$:SATSUT13)+EXECML\$/LIB\SHRLIB\$:UETP/LIB

0426 AH-BT13A-SE
VAX/VMS V4.0

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